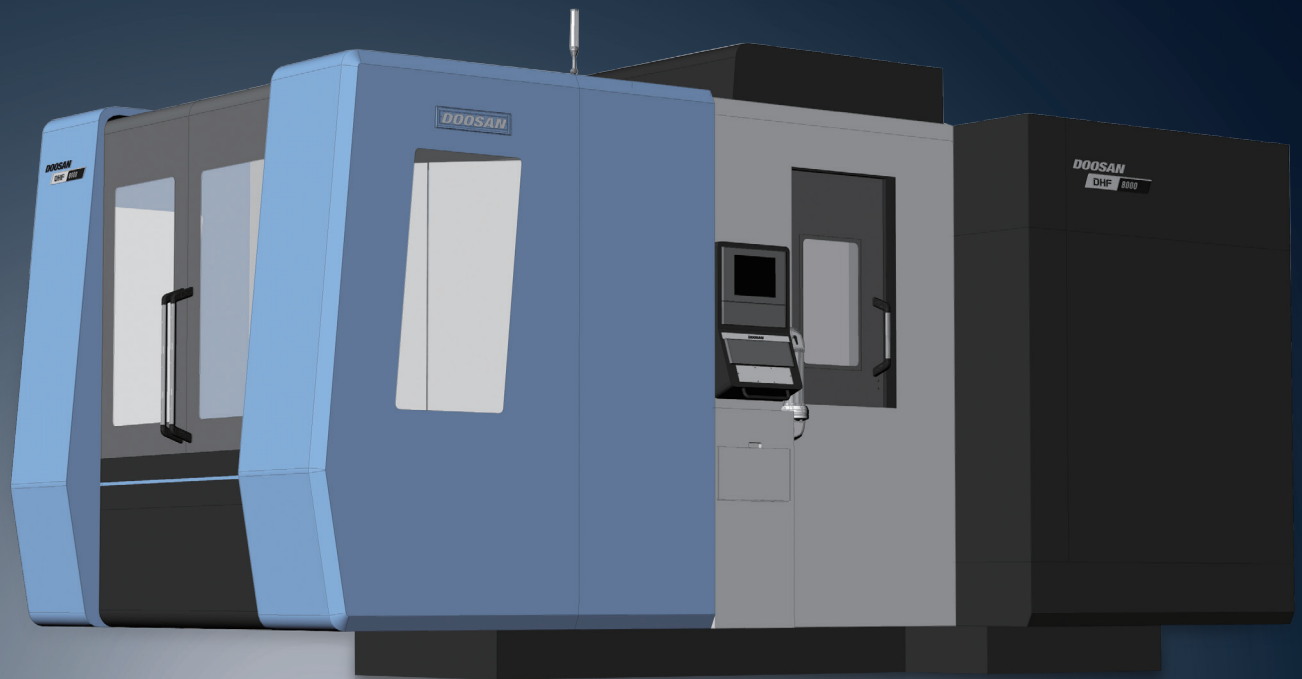




DIMF 2015 Special  
Coming Soon

# DHF 8000

High Productivity, Simultaneous 5-Axis, Horizontal Machining Center



Doosan Machine Tools

*Optimal Solutions for the Future*

## Features

### ① High Productivity

- High productivity achieved by simultaneous 5-axis, tilting head and one-time setup for processing.
- The spindle with 2-step gear system offers machining performance ideal for complicated shape workpieces or difficult-to-cut materials

### ② Accuracy

- High-precision machine structure supported with high static and dynamic rigidity of the column
- Accuracy further enhanced with the dual ball screws in the Y and Z axes

### ③ Durability and Convenience

- Leak-protecting cover for the tool changer to further improve durability
- Separate type cooler provides the user with working convenience

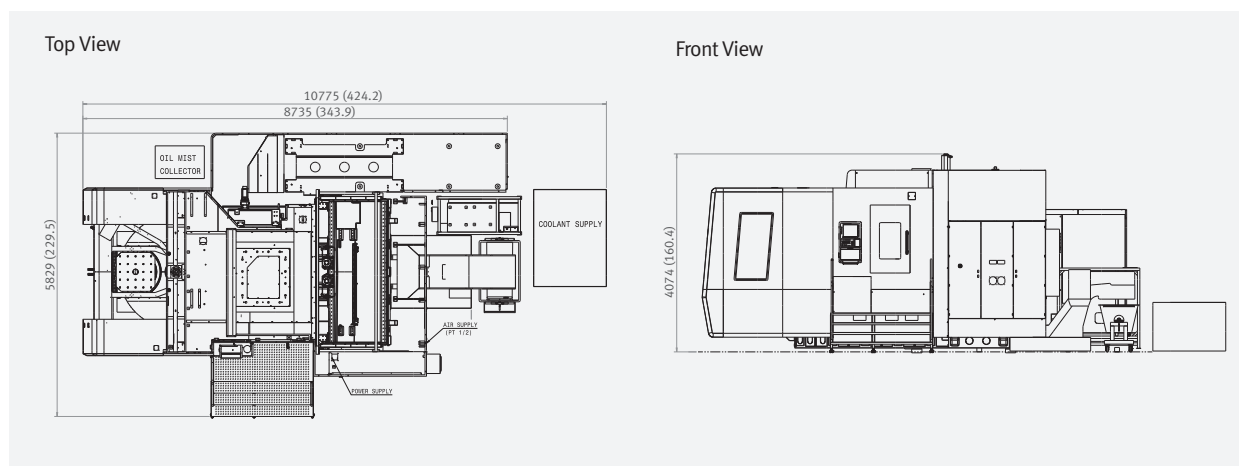
## Machine Specifications

Description		Unit	DHF 8000
Travel distance	X-axis	mm (inch)	1450 (57.1)
	Y-axis	mm (inch)	1200 (47.2)
	Z-axis	mm (inch)	1500 (59.1)
	A-axis	deg	-100 ~ 60
Feedrate	X-axis	m/min (ipm)	40 (1574.8)
	Y-axis	m/min (ipm)	40 (1574.8)
	Z-axis	m/min (ipm)	50 (1968.5)
	A-axis	r/min	8
Spindle	Max. spindle speed	r/min	6000
	Power	kW (Hp)	35 / 22 (46.9 / 29.5)
	Torque	N·m (ft·lb)	960 (708.5)
Table	Pallet Size	mm (inch)	800 x 800 (590.4 / 590.4)
	Max. work size	mm (inch)	Ø1400 x h 1400 (Ø1033.2 x h 1033.2)
	Max. work weight	kg (lb)	2000 (4409.2)
ATC	Tool storage capacity	ea	40 {60, 90, 120, 150, 196 ~ 376}
NC Controller			FANUC 31iB5

{ } : Option

## External Dimensions

Unit : mm (inch)



[www.doosanmachinetools.com](http://www.doosanmachinetools.com)

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